

CLAIMS

1. A glazing panel comprising two sheets of glass spaced apart from each other and sealed together along their edges, wherein the distance between the two sheets of glass is between 10 and 500 μm and wherein the glazing panel is provided with a plurality of spaced deposits comprising an adhesive which are arranged between and in contact with the two sheets of glass and arranged with a distance between the deposits of between 1 and 10 cm, at least some of the deposits being attached to the surface of each glass sheet.

2. A glazing panel according to claim 1, wherein the spaced deposits maintain the distance between the two glass sheets substantially constant over substantially the whole surface of the glazing panel.

3. A glazing panel according to claim 1 or claim 2, wherein the size of the glazing panel is greater than 30 x 30 cm.

4. A glazing panel according to any of the preceding claims, wherein the thickness of each of the two sheets of glass is in the range 2 to 6 mm.

5. A glazing panel according to any of the preceding claims, wherein the distance between the two sheets of glass is between 50 and 150 μm .

6. A glazing panel according to any of the preceding claims, wherein the variation of distance between the two sheets of glass is less than 20% of the average distance between the two sheets of glass.

7. A glazing panel according to claim 6, wherein the variation of distance between the two sheets of glass is in the range 0 to 10% of the average distance between the two sheets of glass.

8. A glazing panel according to any of the preceding claims, wherein the distance between the deposits is between 4 and 6 cm.

9. A chromogenic glazing panel according to any of the preceding claims, wherein the surface of each of the two sheets of glass facing the space between them is coated with a conductive layer and the space between the two sheets of glass comprises a suspension including suspended particles.

10. A smart window comprising a glazing panel according to any of the preceding claims, wherein the space between the two sheets of glass comprises a functional material comprising a liquid, a gel, a resin or a polymer.

11. A glazing panel according to any of claims 1 to 8, wherein the glazing panel is a vacuum insulating glazing panel.

12. A process for manufacturing a glazing panel according to any of the preceding claims, comprising the steps of:

- depositing part of the deposits on one face of one of the glass sheets and allowing them to dry without constraint,
- depositing the other deposits on said face,
- placing the other glass sheet over the first one and the deposits and
- sealing together both glass sheets along their edges.